SPECIFICATIONS

- DISREGARD ANY NOTES OR DETAILS THAT ARE NOT APPLICABLE TO THIS PROJECT.
- ALL CONSTRUCTION AND MATERIALS FOR BUSINESS ROUTE 7 IMPROVEMENTS. ON-SITE PAVEMENT, TRAVELWAYS, PARKING LOTS, MAINTENANCE OF TRAFFIC & SIGNAGE SHALL CONFORM TO VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) STANDARDS AND
- ALL LOUDOUN COUNTY HEALTH DEPARTMENT AND VIRGINIA DEPARTMENT OF HEALTH RULES AND REGULATIONS SHALL BE SATISFIED PRIOR TO AND DURING CONSTRUCTION.
- ALL CONSTRUCTION AND MATERIALS FOR WATER SUPPLY AND SANITARY SEWER FACILITIES SHALL CONFORM TO LCSA STANDARDS AND SPECIFICATIONS UNLESS OTHERWISE NOTED ON THESE PLANS.
- ALL EROSION CONTROL DEVICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK".
- A GRADING PERMIT SHALL BE OBTAINED FROM THE LOUDOUN COUNTY DEPARTMENT OF BUILDING AND DEVELOPMENT PRIOR TO THE START OF ANY GRADING ACTIVITIES.
- LOCATIONS AND/OR ADDITIONAL SIGNAGE AND STRIPING REQUIREMENTS ARE TO BE DETERMINED DURING THE FINAL INSPECTION PROCESS.
- ALL GAS LINES REQUIRE A MINIMUM OF 1 FOOT VERTICAL AND 5 FEET HORIZONTAL SEPARATION. CONSTRUCTION WITHIN 10 FEET OF THE GAS LINE REQUIRES A GAS LINE REPRESENTATIVE TO BE PRESENT DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE GAS COMPANY PRIOR TO CONSTRUCTION.
- O. THE CONTRACTOR MUST HAVE THE APPROVED CONSTRUCTION DRAWINGS IN HIS POSSESSION PRIOR TO START OF CONSTRUCTION. AT LEAST ONE (1) COPY OF THE APPROVED PLANS, WITH REVISIONS, MUST BE KEPT ON-SITE AT ALL TIMES.
- TEST HOLES ARE REQUIRED TO DETERMINE THE EXACT LOCATION AND ELEVATION OF EXISTING UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DIGGING OF ALL TEST HOLES PRIOR TO BEGINNING ANY CONSTRUCTION ON THE PROJECT. IF CONFLICTS ARE DISCOVERED AS A RESULT OF THE TEST HOLE FINDINGS, NOTIFY LOUDOUN COUNTY DEPARTMENT OF CONSTRUCTION & WASTE MANAGEMENT AND PATTON HARRIS RUST AND ASSOCIATES IMMEDIATELY.
- 2. REMOVAL OF ANY UNDERGROUND STORAGE TANKS SHALL BE IN CONFORMANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ANY AND ALL FUEL TANK RELATED PERMITS PRIOR TO CONSTRUCTION.
- 3. THE CONTRACTOR WILL BE RESPONSIBLE FOR CLEARING THE SITE TO THE LIMITS SHOWN ! ON THE DRAWING. THIS WILL INCLUDE, BUT IS NOT LIMITED TO, THE REMOVAL GRUBBING AND DISPOSAL OF TREES, VEGETATION, ANY EXISTING PAVEMENT, FENCES, BUILDING DEBRIS AND TRASH ON THE SITE. DISPOSAL WILL BE OFF-SITE AND AT THE SITE DATA CONTRACTOR'S EXPENSE. CONTRACTOR SHALL FLAG ALL AREAS OF CLEARING AND GRUBBING FOR APPROVAL.
- 14. ALL DISTURBED RIGHT-OF-WAY MONUMENTS ARE TO BE REPLACED AND VERIFIED BY A CERTIFIED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- 5. CUT AND FILL SLOPES ARE NOT TO EXCEED 3 HORIZONTAL TO 1- VERTICAL UNLESS OTHERWISE CALLED FOR ON THE PLANS.
- 6. ALL FINISHED GRADING, SEEDING, SODDING OR PAVING SHALL BE DONE IN SUCH A MANNER TO PRECLUDE THE PONDING OF WATER ON THE SITE, PARTICULARLY ADJACENT TO BUILDINGS AND STORM INLETS.
- 7. WHERE PLANS CALL FOR MATCHING OR ADDING PAVEMENT, THE CONTRACTOR SHALL PROVIDE CUT JOINT AND/OR ASPHALT OVERLAY AS DIRECTED BY VDOT. MILL EXISTING ASPHALT TO LIMITS AS SHOWN ON TYPICAL SECTIONS OR AS DIRECTED BY THE ENGINEER.
- ALL RADII AND DIMENSION LINES ARE TO BE FROM THE FACE OF CURB. ALL SPOT ELEVATIONS ARE TO THE TOP OF CURB UNLESS OTHERWISE SHOWN. ALL RADII ARE 4.5'UNLESS OTHERWISE SHOWN.
- 19. CONTROLLED FILLS:
- CONTROLLED COMPACTION SHALL OCCUR IN ALL FILL SECTIONS FOR BUILDINGS/HOUSE PADS, PAVEMENT, TRENCHES FOR UTILITIES, AND IN OTHER AREAS AS DESIGNATED ON THE DRAWINGS.
- B. FILL MATERIAL SHALL BE TAKEN FROM APPROVED BORROW AREAS. IT SHALL BE CLEAN SOIL, FREE OF ROOTS, WOODY VEGETATION, OVERSIZED STONES, ROCKS, SANDY SOIL, FROZEN OR OTHER OBJECTIONABLE MATERIAL.
- C. CONTROLLED FILLS SHALL BE COMPACTED TO 95% DENSITY @ +/- 2% OF OPTIMUM MOISTURE AS DETERMINED BY METHODS PER STANDARD PROCTOR AASHTO-T99 OR ASTM-D698. DENSITY SHALL BE VERIFIED BY A QUALIFIED SOILS ENGINEER.
- CONTROLLED FILLS SHALL BE COMPACTED IN 8-INCH LIFTS (LOOSE THICKNESS) TO THE SPECIFIED DENSITY. BEGINNING FROM THE EXISTING GROUND SURFACE, UNLESS OTHERWISE APPROVED IN WRITING BY A QUALIFIED SOILS ENGINEER.
- THE SURFACES DIRECTLY BENEATH AREAS TO RECEIVE CONTROLLED FILL ARE TO BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL. THE AREA IS THEN TO BE SCARIFIED AND COMPACTED TO A DEPTH OF 6 INCHES TO THE SAME DENSITY AS THE CONTROLLED FILL TO BE PLACED THEREON.
- 20. ALL UTILITIES WHICH WILL BE PLACED UNDER EXISTING STREETS SHALL BE BORED OR JACKED UNLESS OTHERWISE APPROVED BY VDOT
- 21. POLES AND UTILITIES ARE TO BE RELOCATED PRIOR TO CONSTRUCTION.
- 22. THE CONTRACTOR IS RESPONSIBLE FOR AND BEAR ALL COSTS RELATED TO ANY DAMAGE TO EXISTING ROADS AND UTILITIES WHICH OCCUR AS A RESULT OF THIS CONSTRUCTION
- 23. EXCAVATION SUPPORT SYSTEMS SHALL CONFORM TO THE PROVISIONS OF OSHA CONSTRUCTION STANDARDS. THE CONTRACTOR IS RESPONSIBLE AND SHALL BEAR THE COST OF DESIGN OF SUPPORT SYSTEMS BY A VA PE AND SUBMITTED FOR APPROVAL 30 DAYS PRIOR TO USE OR AS STIPULATED IN CONTRACT DOCUMENTS.
- 24. ALL STORM SEWER PIPE SHALL BE ASTM-C76, CLASS III REINFORCED CONCRETE PIPE UNLESS OTHERWISE NOTED ON PLANS.
- 25. BLASTING IS NOT PERMITTED WITH 25 FEET OF EXISTING LCSA UTILITIES.
- 26. CONTRACTOR SHALL BE RESPONSIBLE FOR AND BEAR ALL COSTS RELATED TO ADJUSTMENTS AND/OR RECONSTRUCTION OF ALL UTILITY COVERS (MANHOLE FRAMES AND COVERS, VALVE BOX COVERS, ETC.) TO MATCH THE FINISHED GRADES OF THE AREAS AFFECTED BY THE CONSTRUCTION.

- 27. ALL RETAINING WALLS 2 FEET IN HEIGHT AND GREATER REQUIRE A SEPARATE BUILDING PERMIT.
- 28. ALL HANDICAPPED SPACES SHALL HAVE SIGNS WHICH MEET THE AMERICAN WITH DISABILITIES ACT (ADA) OF 1990, AS AMENDED. (FSM 4.830).
- 29. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SANITARY LATERAL TO 1 FOOT INSIDE OF THE RESIDENTIAL LOT OR TO 5 FEET OUTSIDE OF A COMMERCIAL BUILDING.
- 30. CONTRACTOR TO COORDINATE MAIL BOX LOCATIONS WITH THE POST MASTER.
- THE PROPOSED BUILDING SIZE, TYPE, FLOOR ELEVATION AND DRIVEWAY APRON IF APPLICABLE ARE APPROXIMATE. FURTHER DETAILS ARE SHOWN ON THE HOUSE LOCATION PLANS AND/OR ARCHITECTURAL PLANS.

THE PLUMBER SHALL MAKE THE CONNECTION FROM THE LATERAL TO THE BUILDING.

- 32. BUILDINGS ROOF DRAIN, SANITARY SEWER LINE, WATER AND FIRE LINES, AND OTHER BUILDING UTILITIES ARE SHOWN ON THE ARCHITECTURAL PLANS.
- ALL PROPOSED IMPROVEMENTS SHALL BE LAID OUT BASED UPON COORDINATE CALCULATIONS PROVIDED BY PHR+A TO THE CONTRACTOR.
- THE SUBJECT DEVELOPMENT SITE DOES CONTAIN CLASS III AND CLASS IV SOILS, PER THE LATEST COUNTY SOILS MAP AND AS IDENTIFIED BY THE INTERPRETATIVE GUIDE TO SOILS MAPS, LOUDOUN COUNTY, VIRGINIA
- 35. A SMOOTHING GRADE SHALL BE MAINTAINED FROM THE CENTERLINE OF THE EXISTING ROAD TO THE PROPOSED CURB AND GUTTER TO PRECLUDE THE FORMING OF FALSE GUTTERS AND/OR THE PONDING OF ANY WATER ON THE ROADWAY.
- 36. STANDARD GUARDRAIL AND HANDRAIL SHALL BE INSTALLED AT HAZARDOUS LOCATIONS AS
- DESIGNATED DURING FINAL FIELD INSPECTIONS BY LOUDOUN COUNTY OR VDOT. 37. THE APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF FUTURE WORK.
- THE APPROVAL OF THESE PLANS SHALL IN NO WAY RELIEVE THE OWNER OF COMPLYING WITH OTHER APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.

39. ADDITIONAL DITCH LININGS OR SILTATION AND EROSION CONTROL MEASURES SHALL BE

- PROVIDED, AS DETERMINED NECESSARY BY VDOT AND/OR THE COUNTY INSPECTOR DURING FIELD REVIEW. ALL COSTS SHALL BE ASSUMED BY THE CONTRACTOR.
- 40. THE COUNTY/TOWN SHALL OBTAIN A PERMIT FOR ALL SIDEWALKS WITHIN THE R/W THAT DO NOT QUALIFY FOR VDOT MAINTENANCE.
- IN LIEU OF PROVIDING A STAKEOUT PLAN, THE APPROXIMATE LOCATION OF PROPOSED ENTRANCES FROM STATE-MAINTAINED ROADS WILL BE STAKED, AND PHR+A WILL RESPOND TO THE DIRECTOR'S REQUEST FOR FIELD ASSISTANCE, WHEN REQUIRED, TO IDENTIFY SPECIFIC AREAS OF PROPOSED DEVELOPMENT AS RELATED TO EXISTING SITE CONDITIONS. (PLEASE CONTACT JEFF SMERALDO AT 703-777-3616)
- (42. THE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT PREPARED BY PHR+A, DATED APRIL 13, 2009. IN CASE OF ANY DISCREPANCIES BETWEEN THE PLANS & THE GEOTECHNICAL REPORT, THE CONTRACTOR SHALL NOTIFY PHR+A IMMEDIATELY.

- CURRENT ZONING: AR-1 ADMINISTERED UNDER THE REVISED 1993 ZONING ORDINANCE
- PROPOSED USE: COMMUNITY, NEIGHBORHOOD, OR REGIONAL PARK, ACTIVE RECREATIONAL USE AND COMMUTER PARK & RIDE LOT, ALLOWED BY SPEX 2009-0004 & SPEX 2009-0015.
- 3. LOT AREA: 20.0 ACRE MINIMUM; PARCEL AREA = 35.09 ACRES
- OFF STREET PARKING

PARKING SPACES REQUIRED FOR BALLFIELD 260 (AS DETERMINED BY PARKS & REC. AND ZONING)

BALLFIELD: 260 INCLUDING 7 HANDICAP PARK AND RIDE: 250 INCLUDING 7 HANDICAP

- LOADING SPACES: NOT REQUIRED
- YARD REQUIREMENTS

FRONT YARD: HARRY BYRD HIGHWAY 200' EAST COLONIAL HIGHWAY 75' SIDE = 25'

PARKING SETBACK

HARRY BYRD HIGHWAY 100' EAST COLONIAL HIGHWAY 35'

PROPOSED STRUCTURES:

1@194.25 SF = 194.25 SFBUS SHELTERS 2@96 SF = 192 SF CONCESSION STANDS 1@1,296 SF = 1,296 SF1@660 SF = 660 SFTOTAL AREA OF STRUCTURES = 2,246.25

TOTAL SITE AREA = 35.09 AC. PROPOSED LOT COVERAGE = 0.2%

MAXIMUM LOT COVERAGE ALLOWED = 11%

BUILDING HEIGHTS: MAX ALLOWED = 35'

PROPOSED BUILDING HEIGHTS: BATHROOMS BUS SHELTERS CONCESSIONS STANDS 24' SHEDS

THE FOLLOWING APPLICATIONS ARE RELEVENT TO THIS SITE:

SPEX 2009-0004 APPROVED ON FEBRUARY 8, 2010 SPEX 2009-0015 APPROVED ON FEBRUARY 8, 2010 CMPT 2009-0003 APPROVED ON FEBRUARY 8, 2010 BLAD 2009-0028 APPROVED ON AUGUST 5, 2009

10. LANDSCAPE OPEN SPACE: 20% MINIMUM

SITE PLAN NOTES

- 1. THE PROPERTY DELINEATED ON THIS PLAN IS SHOWN ON LOUDOUN COUNTY TAX MAP 37, PARCEL 58A (MCPI 346-35-3765) IN THE AR-1 AGRICULTURE ZONING DISTRICT, AND IS IN THE NAME OF LOUDOUN COUNTY BOARD OF SUPERVISORS AS RECORDED WITH INSTRUMENT NUMBER 200912020079682 WITHIN THE LAND RECORDS OF LOUDOUN COUNTY.
- 2. THE TOTAL AREA OF THIS APPLICATION IS 35,0883 ACRES.
- BOUNDARY INFORMATION SHOWN HEREON IS BASED ON A FIELD SURVEY DATED JULY 8, 2008, BY RICE AND ACCOCIATES OF LEESBURG, VIRGINIA.
- THE PROPERTY AREA LIES COMPLETELY WITHIN THE JURISDICTION OF LOUDOUN COUNTY, AND IS CURRENTLY IN THE CATOCTIN ELECTION DISTRICT.
- THE TOPOGRAPHY SURVEY IS BASED ON AN AERIAL TOPOGRAPHIC SURVEY PREPARED BY VIRGINIA MAPPING, INC. AS FIELD VERIFIED AND SUPPLEMENTED BY PATTON HARRIS RUST AND ASSOCIATES. (VERTICAL DATUM NAVD 88)
- ALL IMPROVEMENTS FOR THE ACTIVE PARK AS WELL AS THE PARK AND RIDE LOT ARE TO BE CONSTRUCTED IN ACCORDANCE WITH FEDERAL, STATE, AND LOUDOUN COUNTY REQUIREMENTS. IN ADDITION, REQUIREMENTS OF THE LOUDOUN COUNTY PARKS RECREATION & COMMUNITY SERVICES (PRCS)
- CONSTRUCTION STANDARDS & SPECIFICATIONS ARE TO BE MET FOR PRCS APPLICABLE ITEMS. 7. THE APPROVAL OF THIS PLAN SHALL IN NO WAY RELIEVE THE OWNERS OF COMPLYING WITH OTHER
- SIGNAGE WILL BE IN ACCORDANCE WITH THE REVISED 1993 ZONING ORDINANCE

APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.

- THERE ARE NO KNOWN TOXIC SUBSTANCES OR OTHER HAZARDOUS WASTE ITEMS ON SITE.
- 10. WATER AND SEWER WILL BE PROVIDED BY THE WELLS AND DRAINFIELDS THAT HAVE BEEN SHOWN ON
- 11. A TRAFFIC IMPACT ANALYSIS HAS BEEN APPROVED BY VDOT ON SEPT 11, 2009 AS PART OF THE SPEX APPLICATIONS FOR THIS PROPOSED SITE DEVELOPMENT.
- 12. PRIOR TO INITIATING GRADING OR OTHER ON-SITE ACTIVITIES ON ANY PORTION OF THE LOT OR PARCEL ALL ASSOCIATED PERMITS REQUIRED BY FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS SHALL BE OBTAINED AND EVIDENCE OF SUCH SUBMITTED TO THE COUNTY.
- 13. ALL EXISTING FENCES AND GATES WITHIN THE LIMITS OF CLEARING AND GRADING TO BE REMOVED BY THE CONTRACTOR AND BEAR ALL COSTS.
- 14. ALL CONSTRUCTION & MATERIALS FOR BASEBALL FIELD AND APPURTENANCES SHALL CONFORM TO PRCS STANDARDS AND OR AS SPECIFIED.
- 15. THE COST OF REMOVAL OF EXISTING CONCRETE ITEMS, METAL CULVERTS AND OTHER MATERIALS DISCOVERED SHALL BE INCLUDED IN THE LUMP SUM PRICE OF THE BID.
- 16. PRIOR TO INITIATION OF WORK, CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL NECESSARY LAND USE PERMITS FOR WORK WITHIN VDOT RIGHT-OF-WAY.
 - $_{\circ}$ 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL NECESSARY PERMITS FROM LOUDOUN COUNTY BEFORE ANY CONSTRUCTION BEGINS.

VDOT - GENERAL NOTES

- 1. THESE PLANS WERE PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF (SELECT ONE): VDOT SUBDIVISION STREET REQUIREMENTS (SSR) VDOT SUBDIVISION STREET ACCEPTANCE REQUIREMENTS (SSAR) ADOPTED MARCH 9, 2009
- METHODS AND MATERIALS USED SHALL CONFORM TO CURRENT COUNTY/TOWN AND VDOT STANDARDS AND SPECIFICATIONS.
- 3. ALL UTILITIES, INCLUDING ALL POLES, ARE TO BE RELOCATED AT THE DEVELOPER'S EXPENSE, PRIOR TO CONSTRUCTION.
- OPEN CUTTING OF PAVED OR SURFACE TREATED ROADS IS NOT PERMITTED. ALL UTILITIES WHICH WILL BE PLACED UNDER EXISTING STREETS ARE TO BE BORED OR JACKED. ANY EXCEPTIONS. DUE TO EXTENUATING CIRCUMSTANCES, ARE TO BE ADDRESSED AT THE PERMIT STAGE.
- 5. ANY TYPE OF REVERSE CURB (SPILL CURB, CG-6R, ETC.) AND TRANSITION TO THESE CURBS SHALL NOT BE USED WITH THE PUBLIC RIGHT OF WAY.
- 6. THE DEVELOPER IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING ROADS AND UTILITIES WHICH OCCUR AS A RESULT OF PROJECT CONSTRUCTION WITHIN OR CONTIGUOUS TO EXISTING RIGHT OF WAY.
- 7. A SMOOTH GRADE SHALL BE MAINTAINED FROM THE CENTERLINE OF THE EXISTING ROAD TO THE PROPOSED EDGE OF PAVEMENT TO PRECLUDE THE FORMING OF FALSE GUTTERS AND/OR THE PONDING OF ANY WATER IN THE ROADWAY.
- 8. STANDARD GUARDRAILS AND/OR HANDRAILS SHALL BE INSTALLED AT HAZARDOUS LOCATIONS AS DESIGNATED DURING FIELD REVIEW BY THE COUNTY/TOWN INSPECTOR OR VDOT.
- 9. THE DEVELOPER IS RESPONSIBLE FOR ALL TRAFFIC CONTROL. THE DEVELOPER SHALL SUBMIT A SIGNING, STRIPING AND/OR SIGNALIZATION PLAN TO THE VDOT LAND DEVELOPMENT SECTION A MINIMUM OF THIRTY DAYS PRIOR TO PERMIT APPLICATION. THE DEVELOPER SHALL NOT COMMENCE CONSTRUCTION OF ANY PAVEMENT COURSE WITHOUT AN APPROVED STRIPING PLAN.
- 10. SUBBASE DEPTH IS BASED ON AN ASSUMED CBR VALUE OF 6. SOIL TEST OF SUBGRADE MUST BE SUBMITTED FOR ACTUAL DETERMINATION OF REQUIRED SUBBASE THICKNESS PRIOR TO SUBBASE PLACEMENT.
- 11. A 4" (MIN.) LAYER OF STONE IS REQUIRED BENEATH CURB AND GUTTER (MAY BE SHOWN ON TYPICAL SECTION IN LIEU OF A NOTE).
- 12. ADDITIONAL DITCH LININGS OR SILTATION AND EROSION CONTROL MEASURES SHALL BE PROVIDED, AT THE CONTRACTOR'S EXPENSE, AS DETERMINED NECESSARY BY VDOT AND/OR THE COUNTY/TOWN DURING FIELD REVIEW.
- 13. THE ENTIRE SURFACE OF THE ROADWAY (OLD AND NEW PORTIONS) SHALL BE OVERLAID AND RE-STRIPED AS REQUIRED BY VDOT PERSONNEL. OVERLAY OF EXISTING PAVEMENT SHALL BE MINIMUM OF 1.5" DEPTH; ANY COSTS ASSOCIATED WITH PAVEMENT OVERLAY, OR THE MILLING OF EXISTING PAVEMENT TO OBTAIN REQUIRED DEPTH, SHALL BE ASSUMED BY THE DEVELOPER.
- 14. DEVELOPER IS RESPONSIBLE FOR DESIGN AND CONSTRUCTION OF ANY TRAFFIC SIGNAL INSTALLATION OR MODIFICATION WHICH WILL BE NECESSARY AS A RESULT OF DEVELOPMENT OF THIS SITE.
- 15. ALL RIGHT OF WAY DEDICATED TO PUBLIC USE SHALL BE CLEAR AND UNENCUMBERED.
- 16. THE COUNTY/TOWN SHALL OBTAIN A PERMIT FOR ALL SIDEWALKS WITHIN THE RIGHT OF WAY THAT DO NOT QUALIFY FOR VDOT MAINTENANCE.
- 17. TRAFFIC CONTROL DEVICES OR ADVISORY SIGNS, SUCH AS MULTIWAY STOPS, SPEED LIMITS, DEAF CHILD CHILDREN AT PLAY, ETC., SHALL NOT BE INSTALLED UNLESS SPECIFICALLY SHOWN ON THESE PLANS OR A VDOT APPROVED REVISION. SHOULD UNAPPROVED SIGNS BE NOTED AT THE TIME OF VDOT INSPECTION, THE ROAD ACCEPTANCE PROCESS SHALL BE TERMINATED IMMEDIATELY AND NOT RECOMMENCED UNTIL A DETERMINATION IS MADE REGARDING THE APPROVAL OF ANY ADDITIONAL SIGNS. IMMEDIATE REMOVAL OF SUCH SIGNS SHALL NOT NEGATE THE NEED FOR THE SUBMISSION OF A REVISION.
- 18. LANDSCAPING AND IRRIGATION SYSTEMS SHALL NOT BE INSTALLED WITHIN THE PUBLIC RIGHT OF WAY EXCEPT AS SHOWN ON THESE PLANS OR A VDOT APPROVED REVISION.
- 19. THE 2007 VDOT ROAD AND BIRDGE SPECIFICATIONS ARE APPLICABLE TO THIS PROJECT.

LEGEND **EXISTING PROPOSED** FUTURE PROPERTY LINE .. STREET CENTERLINE . CONTOURS . CURB AND GUTTER .. EDGE OF PAVEMENT STORM SEWER SANITARY SEWER - 04------WATERMAIN GAS LINE OVERHEAD ELECTRIC .. UNDERGROUND ELECTRIC OVERHEAD TELEPHONE UNDERGROUND TELEPHONE - — — — UGT — — — FENCE LINE WATER METER . WATER VALVE FIRE HYDRANT UTILITY POLE ... TRAFFIC SIGNAL POLE STREET LIGHT . \sim SPOT SHOT .. STORM STRUCTURE LABEL .. SANITARY STRUCTURE LABEL . TREE TREE LINE . LIMITS OF GRADING TEST HOLE PARKING SPACES NUMBER . BUILDING WALL DOOR LOCATION

ABBREVIATIONS

LATERAL LINEAR FEET LANDSCAPE OPEN SPACE LEFT BUILDING
BUILDING RESTRICTION LINE
CENTERLINE
RATIONAL RUNDFF CDEFFICIENT
CURB AND GUTTER :XISTING 'ACE OF CURB 'IRE HYDRANT 'IRST FLOOR OR FINISHED FLOOR 'LOW LINE

July 29, 2010

MAXIMUM
MINIMUM
DFFSET
PARKING RESTRICTION LINE
POINT OF COMPOUND CURVATURE
POINT OF CURB RETURN
POINT OF CURVATURE
POWER POLE
POINT OF REVERSE CURVATURE
POINT OF VERTICAL INTERSECT
POINT OF VERTICAL CURVATURE
POINT OF VERTICAL CURVATURE
POINT OF VERTICAL CURVATURE
POINT VINYIL CHI DRI DE POINT OF REVERSE CURVATURE
POINT OF VERTICAL INTERSECTI
POINT OF VERTICAL CURVATURE
POLYVINYL CHLORIDE PAVEMENT
POINT OF VERTICAL TANGENO
POINT OF TANGENCY
PROPERTY LINE
PROPOSED
PRIVATE ACCESS EASEMENT VERTICAL TANGENCY TANGENCY RADIUS
REDUCER
REINFORCED CONCRETE PIPE
RIGHT
RIGHT-OF-WAY
SANITARY
SEWER

TEMPORARY
TEMPORARY
TOP OF SIDEWALK
TOP OF WALL
TYPICAL
UNDERGROUND ELECTRIC
UNDERGROUND TELEPHONE
UNDERGROUND TELEPHONE
UNDERGROUND TELEVISION
VERTICAL CURVE
WATER

S. Army Corps of Engineers, Norfolk District lorthern Virginia Field Office 8139 Triangle Plaza, Suite 213 lumfries, VA 22026

Project Number: 2010-1811 Participant: Loudoun County Department of Construction and Vaste Management Attn: Mr. Ronald G. Mallon 211 Gibson Street NW, #123

Waterway: South Fork Catoctin Creek 2. Authorized Agent: Blueskies Environmental Associates Inc. Attn: Ms. Sandra Williams 6767 Forest Hill Avenue, Suite 204 Richmond, VA 23225

CHORD
CLEAN DUT
CONCRETE
CURRUGATED METAL PIPE
CUBIC YARDS
CROSSING
DRUP INLET
DIAMETER
DRAINAGE

FORCE MAIN
GATE VALVE
HIGH POINT
INVERT ELEVATION
IRON PIPE FOUND
IRON PIPE SET

Leesburg, VA 20176 3. Project Location:

NAO FL 13 REVISED DEC 90

The project is located on an approximately 35.09-acre parcel north of East Colonial Highway (Business Route 7) and south of Harry Byrd Highway (Route 7) east of Hamilton in Loudoun County, Virginia. Project Description: The project consists of the construction of a park on the subject tract. The project is called Scott Jenkins Memorial Park.

The work includes construction of ball fields, parking lots, a stormwater management facility and associated Findings

6. Corps Contact: Mr. Ron Stouffer at 703-221-6967(o) 703-221-6575 (f)

This is in reference to your request to perform work in the waters of the United States as described above. This activity has been reviewed and found to satisfy the criteria contained in the Corps Nationwide Permit Number 18. (The Reissuance of the Corps Nationwide Permits was published in the Federal Register (72 FR 11092) on March 12, 2007 and the regulations governing their use can be found in 33 CFR 330 published in Volume 56, Number 226 of the Federal Register dated November 22, 1991. The Nationwide Permit enclosures can be found at http://www.nao.usace.army. mil/Regulatory/nationwides.htm.) Provided the conditions are met, an individual Department of the Army Permit will not be required. In addition, the Virginia Department of Environmental Quality has provided 401 certification for Nationwide Permit Number 18. You may

contact the Virginia Marine Resources Commission at (757) 247-2200 for further information concerning their permit This verification is valid until March 12, 2012, unless the Norfolk District Engineer uses discretionary authority to modify, suspend or revoke this verification. The Chief of Engineers will periodically review the nationwide permits and their conditions and will decide to either modify, reissue or revoke the permits. If the nationwide permit verified in this letter is reissued without modification or if your activity complies with any subsequent nationwide permit, the expiration date of this verification will not change. However, if the nationwide permit verified in the letter is modified or revoked so that the activity listed above would no longer be authorized and you have commenced or are under contract to

commence the work, you will have twelve months from the date of that permit change to complete the activity. Activities ompleted under the authorization of a nationwide permit which was in effect at the time the activity was completed continue to be authorized by that nationwide permit. It is your responsibility to remain informed of changes to the nationwide permits. We will issue a special public notice announcing any changes to the nationwide permits when they

CERTIFICATE OF COMPLIANCE

U.S. ARMY CORPS OF ENGINEERS' PERMIT

Permit Number: 2010-1811

Name of Permittee: Loudoun County Department of Construction and Waste Management Date of Issuance: July 29, 2010

Within 30 days of completion of the activity authorized by this permit, sign this certification and return it to the following

U.S. Army Corps of Engineers - Norfolk District Northern Virginia Field Office Attn: Mr. Ronald H. Stouffer, Jr. 18139 Triangle Plaza, Suite 213 Dumfries, Virginia 22026

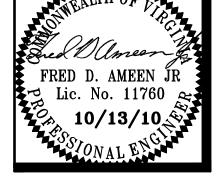
Permit Type: Nationwide permit 18

Please note that your permitted activity is subject to a compliance inspection by a U.S. Army Corps of Engineers representative. If you fail to comply with this permit you are subject to permit suspension, modification or revocation.

I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and conditions of the said permit.

Signature of Permittee

EVISED NOTES DATE CHKD DESCRIPTION REVISION



SCOTT JENKINS MEMORIAL PARK PHASE

CATOCTIN ELECTION DISTRICT

LOUDOUN COUNTY, VIRGINIA

NOTES, LEGEND ETC.

Patton Harris Rust & Associates Engineers. Surveyors. Planners. Landscape Architects. 208 Church Street SE

Gent HBh---

Chief, Northern Virginia Regulatory Section

/Nicholas L. Konchuba

Leesburg, VA 20175 **T** 703.777.3616 **F** 703.777.3725

DESIGN SURVEY **JDB** AERIAL DRAWN SEP 17, 2010 CHECKED **SCALE** 13608-2-0 OF **C46**

STPL #2009-